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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/438,493 | 11/12/1999 | SIH-PIN SUBRINA CHANG | SE9-99-012(1) | 9401 |

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EXAMINER

NGUYEN, CAO H

| ART UNIT | PAPER NUMBER |
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2173

DATE MAILED: 04/02/2002

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Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.
09/438,493

Applicant(s)
Chang et al.

Examiner
Cao "Kevin" Nguyen

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2173



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Nov 12, 1999
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirements.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☒ The proposed drawing correction filed on Nov 12, 1999 is: a) ☐ approved b) ☒ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 3 20) ☐ Other: _____

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DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: On page 1 of the Specification all related Applications Serial Number should be provided. Appropriate correction is required.
2. The disclosure is objected to because of the following informalities: On page 3 of the Specification the (<http://www.trainingsupersite.com/realplayerG2/>) and (<http://www.veon.com/v-active>) is considered to be an improper incorporation by reference and should be deleted. Appropriate correction is required.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor

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and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103© and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

4. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kumar et al. (US Patent No. 6,356,921B1) in view of Landsman et al. (US Patent No. 6,317,761).

Regarding claim 1, Kumar discloses a system of enriching non-linkable media representations for hotlinking in a network implementing a hot media architecture (see abstract), comprising: a server coupled to the network for transmitting a streaming rich media file to a client station; a HotMedia client master in the client station; means included in the master for fetching an action enabling kernel and a hotlink canvas from the server after receiving a meta frame from the server (see col. 5, lines 13-67); means for composing hotlinks in the hotlink canvas after receiving the meta data from the action enabling kernel (see col. 4, lines 6-67). However, Kumar fails to explicitly teach for overlying and coupling the hotlink canvas in a transparent panel on the non-linkable media whereby the non-linkable media becomes interactive and hyperlinkable.

Landsman teaches the hotlink canvas in a transparent panel on the non-linkable media whereby the non-linkable media becomes interactive and hyperlinkable (see col. 1, lines 44-67 and col. 2, lines 1-67). It would have been obvious to one of an ordinary skill in the art at the time the invention was made to provide the hotlink canvas in a transparent panel on the non-linkable media

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whereby the non-linkable media becomes interactive and hyperlinkable as taught by Landsman to the non-media and media framework of Kumar in order to provide a user to encapsulate data and files needed for presentation so as simplify their accessing and transport.

Regarding claims 2 and 3, Kumar discloses wherein the streaming rich media further comprises: non-linkable media in a framework of frames including a header frame, a thumbnail frame, a meta frame, a media frame and an end of stream frame (see col. 5, lines 14-47).

Regarding claim 4, Kumar discloses in a system of enriching non-linkable media representations for hot linking in a network implementing a HotMedia architecture including a server coupled to the network for transmitting to a client station a streaming rich media file including non-linkable media in a framework of frames including a header frame, a thumbnail frame, a meta frame, a media frame and an end of stream frame and a HotMedia client master in the client station, a method for providing a hotlink canvas to enrich non-linkable media representations, comprising the steps of: composing hotlinks; querying the state of a media object in the client station; displaying range contours of the hotlinks; and performing actions composed in the hotlinks to enrich the otherwise non-linkable media representations. (see col. 4, lines 6-67 and figures 5-9).

Regarding claim 5, Kumar discloses composing hotlinks by receiving hotlink meta data from an action enabling kernel (see col. 6, lines 57-67).

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Regarding claims 6 and 7, Kumar discloses including the step of querying media current spatio temporal position information and the current state of the media object, and including the step of forwarding media spatio-temporal position information and the current state of the media object to the action enabling kernel (see col. 11, lines 20-67).

Regarding claims 8-10, Kumar discloses the step of receiving the information of contending hotlink candidates from the action enabling kernel, and the step of picking one hotlink among a set of contending hotlink candidates; and further including the step of displaying the range contours of hotlinks on the media object by overlaying a transparent panel on top of the media object (see col.12, lines 1-67 and figures 8-15).

As claims 10-14 are analyzed as previously discussed with respect to claims 1-10.

Regarding claim 15, Kumar discloses a server coupled to the network capable of producing and transmitting real time media presentations; and a real time encoding studio resident in a server coupled to the network for transmitting both real time non-linkable media and a set of meta information of hotlinks to a HotMedia client station (see col. 4, lines 6-46 and figure 2).

As per claims 16-17 are method claims that corresponds to apparatus claims 1-11, and thus are rejected for the aforementioned reason.

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Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (PTO-892).

Response

6. Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-9051 may be used for formal communications or (703) 305-9724 for informal or draft communications.

Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA. Sixth Floor (Receptionist).

Inquires

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cao (Kevin) Nguyen whose telephone number is (703) 305-3972. The examiner can normally be reached on Monday-Friday from 8:30 am to 6:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca, can be reached on (703) 308-3116. The fax number for this group is (703) 308-6606.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.



Cao (Kevin) Nguyen

Primary Examiner (AU 2173)
March 22, 2002